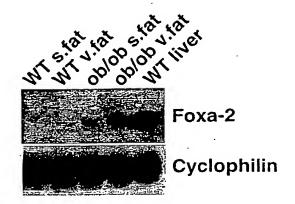
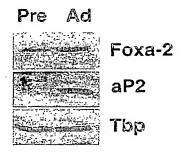


Fig. 1a

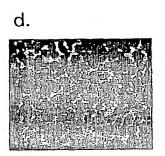
b.

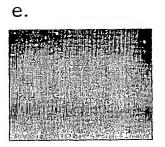


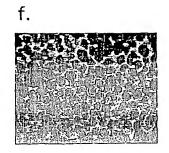
c.



Figs. 1b, c







Figs. 1d-f

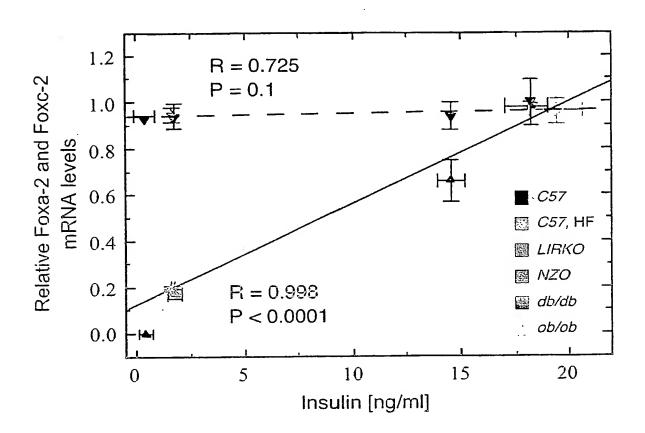


Fig. 2a

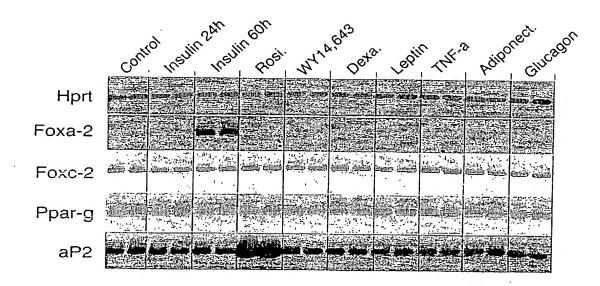


Fig. 2b

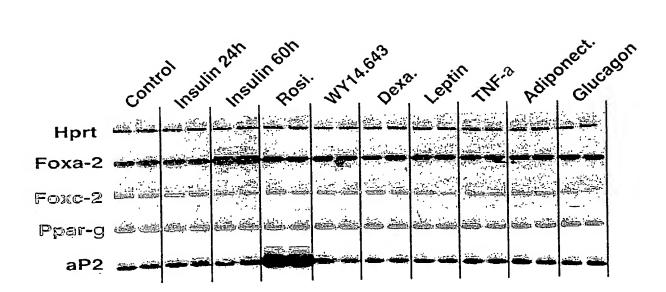
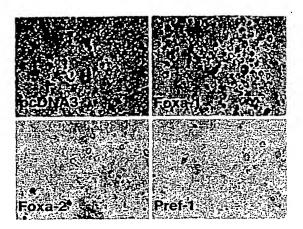


Fig. 2c

a.



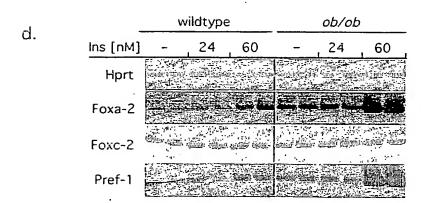
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differentiated undifferentiated b. Foxa-1 Foxa-2 Ppar-g Gata-2 Gata-3

Figs. 3a, b

C.





Figs. 3c, d

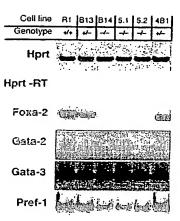


Fig. 3e

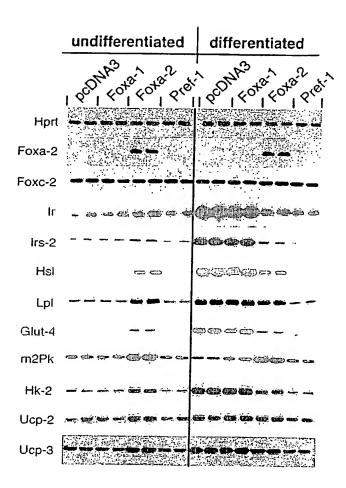


Fig. 4a

	wildtype _	ob/ob	ob/ob wt
Hprt	<u> </u>		1.0 ± 0.1, p=0.23
Foxa-2			
Foxc-2	نے نے سے		1.8 ± 0.2, p=0.004
Pref-1			2.4 ± 0.2, p=0.002
Hk-2			6.0 ± 0.2 , p=0.002
m2Pk	<u>حت حت مت</u>		3.1 ± 0.1 , p=0.002
Ucp-2	-		2.7 ± 0.1, p=0.003
Ucp-3	Madicial Adjustes Charge		3.4 ± 0.3, p=0.002

Fig. 4b

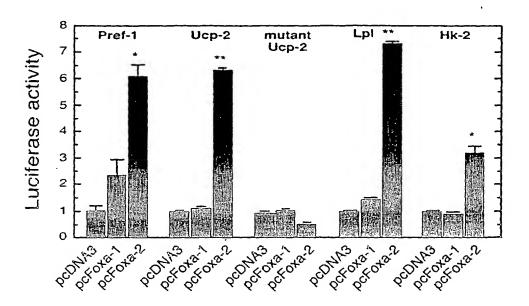


Fig. 4c

	Pref	-1	•			Lpl	L			Į	Jcp	2		
									·		ı			Supershift
						では、日本のでは、日本には、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本のでは、日本ので		on the second						DNA/protein complex
+ -	+	+	+	+	-	+	+	+	+	_	+	+	+	fat nuclear extract
- -	+	-	-	_	-	+	_	_	-	_	+	_	-	a-Foxa1 antibody
	-	+	-	_	-	-	+	_	_	-	-	+	_	a-Foxa2 antibody
]_		+	-	_	_	_	+	_	_	_	_	+	50 x "cold" competitor

Fig. 4d

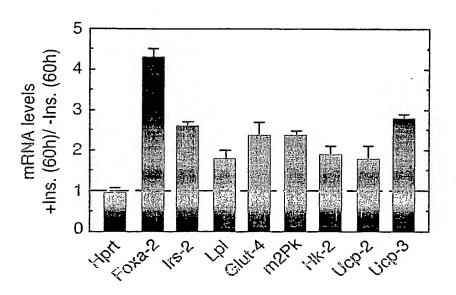
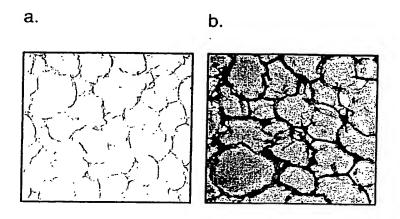


Fig. 4e



1.5 Foxa2+/-, HF

Wt, HF

Foxa2+/-, ND

Wt, ND

1.1

Wt, ND

1.2

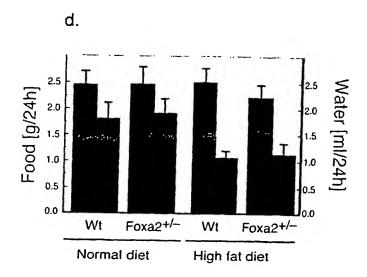
Wt, ND

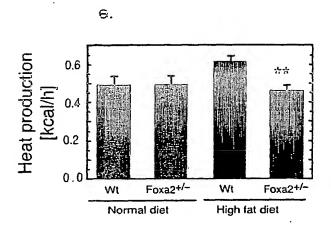
Time [day]

c.

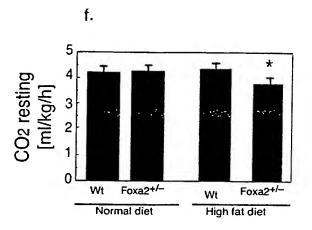
Figs. 5a-c

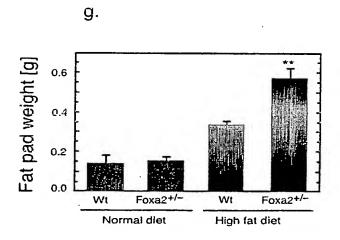
16/35





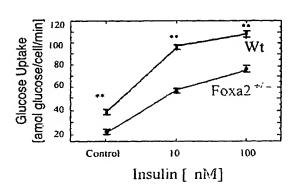
Figs. 5d, e

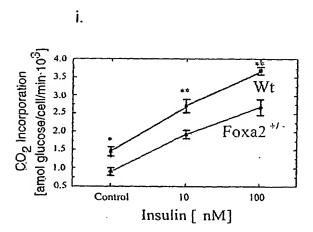




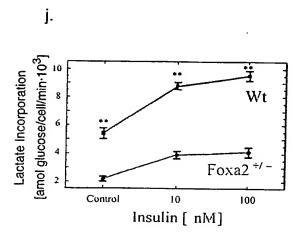
Figs. 5f, g

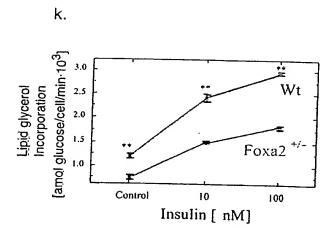
h.



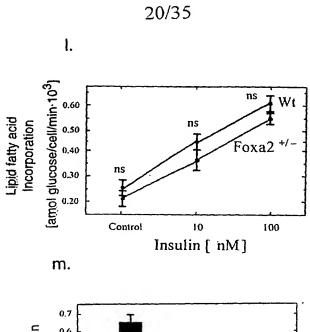


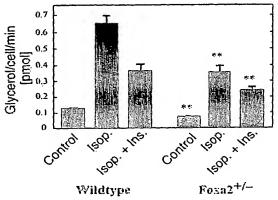
Figs. 5h, i

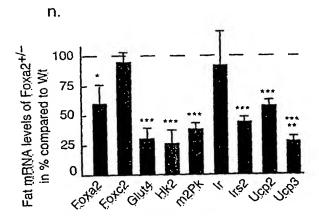




Figs. 5j, k







Figs. 51-n

PCT/US2004/009954

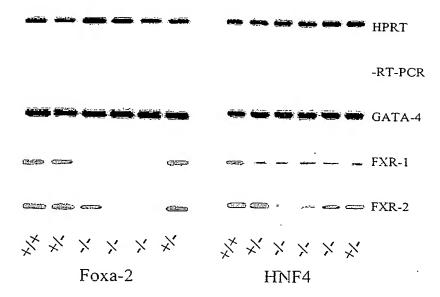


Fig. 6

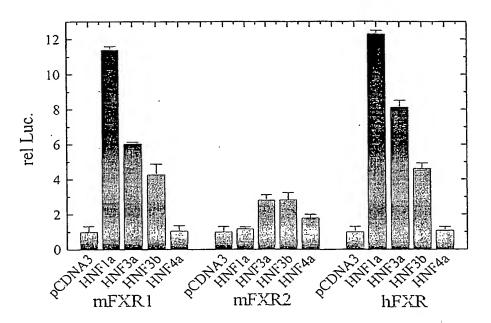
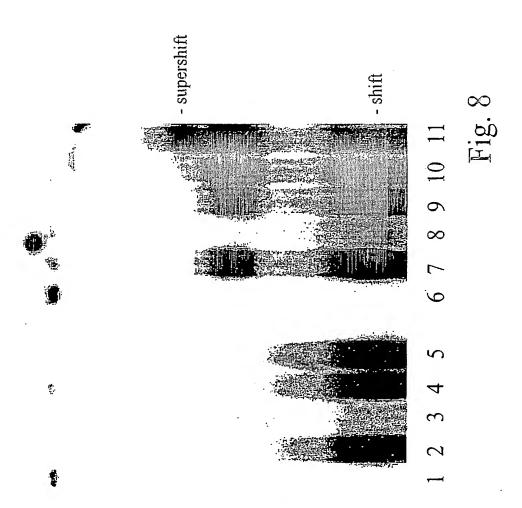


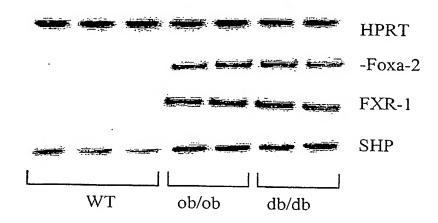
Fig. 7

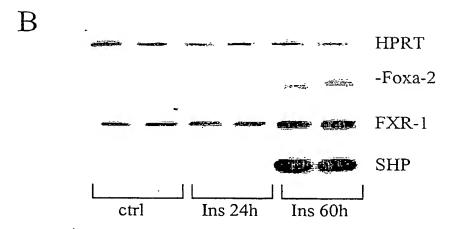
1 probe alone
2 probe + nuc. extract
3 competition WT
4 competition MT
5 supershift
6 probe alone
7 probe + nuc. extract
8 competition WT
9 competition MT
10 competition MT
11 supershift



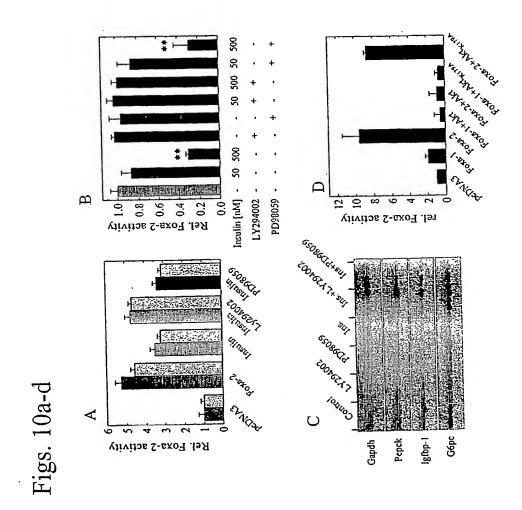
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A





Figs 9a, b



Figs. 11a-c

26/35

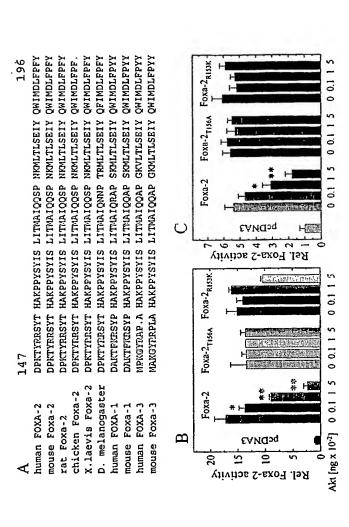


Fig. 12

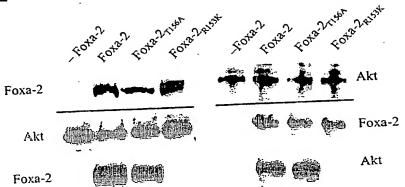
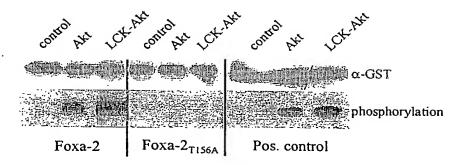
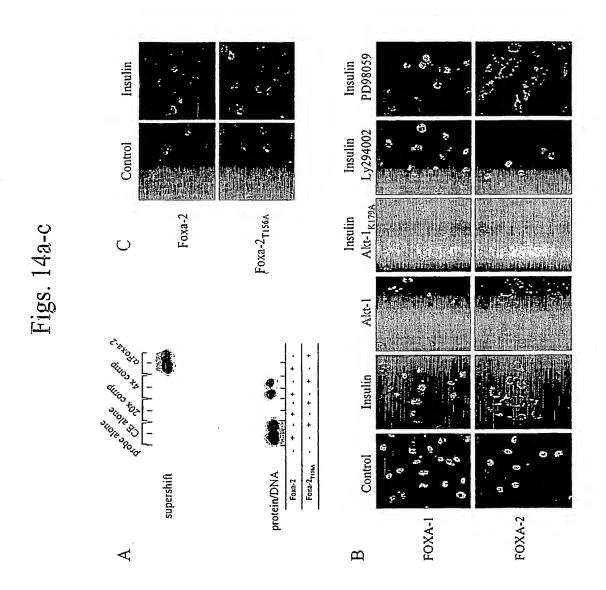


Fig. 13



29/35



Figs 15a-d

		<u>Fed</u>	Starved
٨	Foxa2		
~	Foxo1		
	Tbp		

Insulin	[ng/ml] S	02 0.8 1.4 2.0 3.0 4.0	Insulin (ng/ml)	4.0 3.0 2.0 1.4 0.8 0.2	
	Foxa2	All the second s	Foxa2	Control Comment Control Control	
В.	Foxo1	Signal cases regulated the same and	Foxo1		C.
	Tbp	appear at the super-	Tbp	Maria Company	

	Insulin [10 nM]	PBS
anti-PT156		
anti-Foxa2		

D. ·

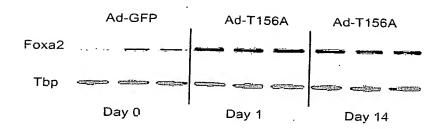


Fig. 16

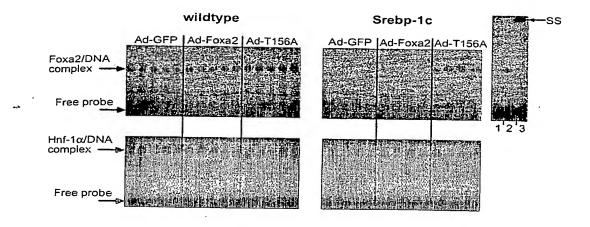


Fig. 17

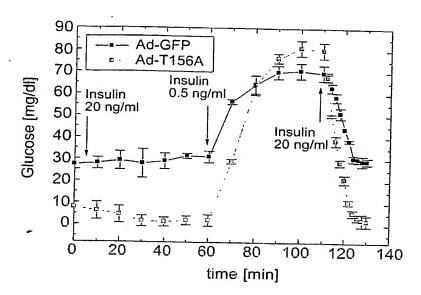


Fig. 18

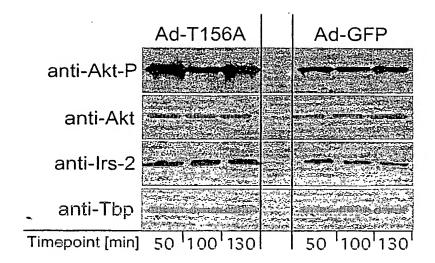


Fig. 19

35/35

